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is John T. Haram
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Registered Patent Ay
h Karen R. Martowicz
Matthew J. Dowd
Katrina Voljan Pei Qi
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Jeffrey K. Mils Daniells L. Letting Losi Brandes Steven C. Oppenheim Gf Counsel Edward J. Kessler Kenneth C. Bass III Marvin C. Guthrie

mitted only in Maryland mitted only in Virginia

July 14, 2006

WRITER'S DIRECT NUMBER: (202) 772-8822 INTERNET ADDRESS: SCARROLL@SKGF.COM

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application 10/567,381

(U.S. Nat'l Phase of PCT/US2004/002702; Int'l Filing Date: January 30, 2004)

For: Nogo Receptor Antagonists
Inventors: L.E.E. et al.

Our Ref: 2159.0430002/EJH/SAC

Sir:

Transmitted herewith for appropriate action are the following documents:

- Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371;
- 2. Information Disclosure Statement Filing under 37 C.F.R. § 1.97(b);
- 3. A listing of the cited documents on Form PTO/SB/08A (2 sheets);
- A listing of the cited documents on Form PTO/SB/08B (3 sheets);
- A copy of the cited documents FP1-FP16;
- A copy of the cited documents NPL1-NPL25;
- First Supplemental Information Disclosure Statement Filing under 37 C.F.R. § 1.97(b);
- 8. A listing of the cited documents on Form PTO/SB/08A (1 sheet);
- A listing of the cited documents on Form PTO/SB/08B (2 sheets);
- 10. A copy of the cited documents NPL26-NPL36; and

Commissioner for Patents July 14, 2006 Page 2

11. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

Sterne, Kessler, Goldstein & Fox P.L.L.C.
Skanner a. Caull

Shannon A. Carroll, Ph.D. Attorney for Applicants Registration No. 58,240

SAC/jk Enclosures

556559

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

LEE et al.

Appl. No.: 10/567,381 (National Phase of

PCT/US2004/002702)

I.A. Filed: January 30, 2004

For: Nogo Receptor Antagonists

Confirmation No.: 9649

Art Unit: To be assigned

Examiner: To be assigned

Atty. Docket: 2159.0430002/EJH/SAC

Information Disclosure Statement Filing under 37 C.F.R. § 1.97(b)

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Forms PTO/SB/08A and PTO/SB/08B are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Copies of documents FP1-FP16 and NPL1-NPL25 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of U.S. patents and patent application publications, documents US1-US22, cited on the attached Form PTO/SB/08A are not submitted.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following discussion of the relevance of the non-English language document FP10 cited on Form PTO/SB/08A:

Document FP10, WO 93/01288 A1, is in a foreign language. The relevance of document FP10 may be found in the English language abstract included on the face page of said document.

The Examiner's attention is directed to the following U.S. Patent Applications and PCT Patent Applications, which are directed to related technical subject matter:

- U.S. Patent Application No. 09/758,140 inventor Strittmatter S.M., filed January 12, 2001; published as US 2002/0012965 A1, cited herein as document US19:
- U.S. Patent Application No. 09/972,599, inventor Strittmatter S.M., filed October 6, 2001; published as US2002/0077295 A1, cited herein as document US20:
- U.S. Patent Application No. 09/972,546, inventors Strittmatter et al., filed October 6, 2001; published as US2003/0124704 A1, cited herein as document US21;
- U.S. Patent Application No. 10/735,256, inventors Strittmatter *et al.*, filed December 12, 2003; published as US2005/0048520 A1, cited herein as document **US22**;

PCT Patent Application No. PCT/US01/01041, applicant Yale University, filed January 12, 2001, published as WO 01/51520 A2, cited herein as document FP11;

PCT Patent Application No. PCT/US01/31488, applicants Yale University and Biogen, Inc., filed October 06, 2001, published as WO 02/29059 A2, cited herein as document FP12;

PCT Patent Application No. PCT/US02/32007, applicant Yale University, filed October 04, 2002, published as WO 03/031462 A2, cited herein as document FP13;

PCT Patent Application No. PCT/US2003/025004, applicant Yale University and Biogen, Inc., filed August 07, 2003, published as WO 04/014311 A2, cited herein as document FP14;

PCT Patent Application No. PCT/US2004/011728, applicants and inventors Strittmatter *et al.*, filed April 16, 2004, published as WO 04/093893 A2, cited herein as document FP15; and

Attv. Dkt. No. 2159.0430002/EJH/SAC

- 3 -

LEE et al. Appl. No. 10/567,381

(National Phase of PCT/US2004/002702)

PCT Patent Application No. PCT/US04/002702, applicants and inventors Lee et al., filed January 30, 2004, published as WO 05/016955 A2, cited herein as document FP16.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return copies of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

Atty. Dkt. No. 2159.0430002/EJH/SAC

- 4 -

LEE et al. Appl. No. 10/567,381 (National Phase of PCT/US2004/002702)

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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Shannon A. Carroll, Ph.D. Attorney for Applicants Registration No. 58,240

Date: (f)/(y / 2006)
1100 New York Avenue, N.W. Washington, D.C. 20005-3934

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(202) 371-2600

Atty. Dkt. No. 2159.0430002/EJH/SAC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

LEE et al.

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Mail Stop Amendment

Commissioner for Patents PO Box 1450

Alexandria, VA 22313-1450

Sir:

Listed on accompanying Forms PTO/SB/08A and PTO/SB/08B are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this First Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Information Disclosure Statement filed herewith in connection with the above-captioned application.

Copies of documents NPL26-NPL36 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of U.S. patents and patent application publications, documents US23-US28, cited on the attached Form PTO/SB/08A are not submitted.

The Examiner's attention is directed to the following U.S. Patent Application, which is directed to related technical subject matter:

10567381 - GAU: 1646

- 2 -

LEE et al. Appl. No. 10/567,381

(National Phase of PCT/US2004/002702)

U.S. Patent Application No. 11/055,163, inventors Lee et al., filed February 10,

2005; published as US2005/0271655 A1, cited herein as document US28;

Where the publication date of a listed document does not provide a month of

publication, the year of publication of the listed document is sufficiently earlier than the

effective U.S. filing date and any foreign priority date so that the month of publication is

not in issue. Applicants have listed publication dates on the attached IDS Forms based

on information presently available to the undersigned. However, the listed publication

dates should not be construed as an admission that the information was actually

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over any of the information provided herewith, and/or to prove that this information may

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Atty. Dkt. No. 2159.0430002/EJH/SAC

- 3 -

LEE et al.
Appl. No. 10/567,381
(National Phase of PCT/US2004/002702)

It is respectfully requested that the Examiner initial and return copies of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
Shanna a. Cawll

Shannon A. Carroll, Ph.D. Attorney for Applicants Registration No. 58,240

Date: Muly 14, 2006

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

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Substitute for form 1449/PTO			0	Complete if Known			
FIRST SUPPLEMENTAL				Application Number	10/567,381 (National Phase of PCT/US2004/002702)		
INFO	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			I.A. Filing Date	January 30, 2004		
				First Named Inventor	Lee, Daniel H.S.		
JIAI			ets as necessary)	Art Unit	To be assigned		
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Sheet	1	of	1	Attorney Docket Number	2159.0430002/EJH/SAC		

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	US23	6,475,753 B		1/05/			n et al.		
	US24	6,627,741 B		9/30/			n et al.		
	US25	6,774,216 B		08/10/2	2004	Rube	n et al.		
	US26	2002/005513	39 A1 0	5/09/	2002	Holtz	zman et al.		
	US27	2005/022142	20 A1 1	0/06/	2005	Barsl	ke et al.		
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Examiner Signature	/Sandra Wegert/	Date Considered	11/04/2010
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered include copy of this form with next communication to applicant. Applicants unique citation designation number (optional). See Kinds Codes and Codes are considered in the Codes and Codes are considered in the Codes and Codes are considered in the Codes and Codes are codes are codes and codes are codes and codes are codes are codes and codes are codes are codes and codes are codes are codes are codes and codes are codes are codes are codes are codes are codes are codes and codes are c

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37 CER 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is govered by 3.9 U.S. C.12 and 3.7 CER 1.1 This collection is estimated to fall to file (and by the USPTO to process) an application. Confidentiality is govered by 3.9 U.S. C.12 and 3.7 CER 1.1 This collection is estimated to fall a public to complete, including gathering, preparing, and submitting the completed application form to the USPTO. This will vary depending upon the includual case. Any comments on the amount of time you require to complete this form andors suggested for reducing this burnet, should be sent for first information. CONTRACT of the control of the process of the control of the public variety of the control of

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FIRST SUPPLEMEN	ΓAL	Application Number	10/567,381 (National Phase of PCT/US2004/002702)		
INFORMATION DIS	CLOSURE	I.A. Filing Date	January 30, 2004		
STATEMENT BY AF		First Named Inventor	Lee, Daniel H.S.		
(Use as many sheets		Art Unit	To be assigned		
(,		Examiner Name	To be assigned		
Sheet I of	2	Attorney Docket Number	2159.0430002/EJH/SAC		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
	NPL26	Fournier, A.E., et al., "Characterization of the neuronal receptor mediating Nogo-66 inhibition of axonal regeneration," <i>J. Neurochem. 78 (Suppl. 1)</i> :105, Blackwell Publishing, Abstract No. 508-01 (September 2001)	
	ŅPL27	Fournier, A.E., et al., "Nogo Receptor Domain Analysis," Society for Neuroscience Abstracts 27:670, Society for Neuroscience, Abstract No. 258.3, presented at the Society for Neuroscience's 31st Annual Meeting, San Diego, CA (November 12, 2001)	
	NPL28	GrandPre, T.J., et al., "Functional Analysis of Nogo-66 and Nogo Receptor Domains," Society for Neuroscience Abstracts 27:670, Society for Neuroscience, Abstract No. 258.4, presented at the Society for Neuroscience's 31st Annual Meeting, San Diego, CA (November 12, 2001)	
	NPL29	International Search Report for International Application No. PCT/US2005/002535, European Patent Office, Netherlands, mailed October 24, 2005	
	NPL30	International Search Report for International Application No. PCT/US05/35719, ISA/US, Alexandria, VA, mailed April 13, 2006	
	NPL31	International Search Report for International Application No. PCT/US2004/02702, ISA/US, Alexandria, VA, mailed April 20, 2006	
	NPL32	Li, M., et al., "Effect of soluble Nogo receptor treatment on functional and histological outcome after spinal cord injury in the rat," Biosis Database, Accession No. PREV 200400194121, Abstract No. 80.22, Presented at the 33rd Annual Meeting of the Society of Neuroscience, New Orleans, LA (November 8-12, 2003)	
	NPL33	Li, W., et al., "A Neutralizing Anti-Nogo66 Receptor Monoclonal Antibody Reverses Inhibition of Neurite Outgrowth by Central Nervous System Myelin," J. Biol. Chem. 42:43780-43788, The American Society for Biochemistry and Molecular Biology, Inc. (October 2004)	
	NPL34	Li, W., et al., "Neutralization of NGR1 May Be Sufficient to Promote Rat DRG Neurite Outgrowth in the Presence of CNS Myeline," SFN 2003 Abstract Viewer & Itinerary Planner, Program No. 678.3, Presented at the 33rd Annual Meeting of the Society of Neuroscience, New Orleans, LA (November 8-12, 2003)	

Examiner Signature	/Sandra Wegert/	Date Considered	11/04/2010
*EXAMINER: Init	al if reference considered, whether or not citation is in conforman	ce with MPEP 609. Dra	w line through citation if not in conformance and

EACHINEK' Initial in reteriors considered, wreather or not unlawful in an unanimative with micro-over, many micrographic and in the content of an object of considered. Initial object of considered, include copy of this ferm with next communication to applicant or origination. The content of considered in the content of considered in the content of content or co USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, LOP/LIU process) as application. Continentially's goverhied by 35 U.S.C. 172 and 37 U.R.F.114. The collection is estimated to take 2 hours to complete, Comments on the amount of time your could be completed. The continent is not been proceeding upon the individual case. Any Comments on the amount of time your couldre to complete this form and/or suggestions by retending this has proceed and Officer. U.S. Patent and Trademark Office, P.O. Box 1450. Abstandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (07-05),
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE,

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				Application Number	10/567,381 (National Phase of PCT/US2004/002702)
				I.A. Filing Date	January 30, 2004
	STATEMENT BY APPLICANT			First Named Inventor	Lee, Daniel H.S.
			s necessary)	Art Unit	To be assigned
Sheet 2 of 2			,,	Examiner Name	To be assigned
			2	Attorney Docket Number	2159.0430002/EJH/SAC
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Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
	NPL35	McGee, A.W. and Strittmatter, S.M., "The Nogo-66 receptor: focusing myelin inhibition of axon regeneration," <i>Trends Neurosci. 26</i> :193-198, Elsevier Science Ltd. (April 2003)	
	NPL36	Oertle, T., et al., "Nogo-A Inhibits Neurite Outgrowth and Cell Spreading with Three Discrete Regions," J. Neurosci. 23:5393-5406, Society for Neuroscience (July 2003)	

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Examiner Signature /Sandra Wegert/	Date Considered	11/04/2010
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance ar

"EXAMINEE: Inflat if reference considered, whether or not clation is in conformance with MPEP 600. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicate the product of the conformance of the conformanc

Equivalent of Form PTO/SB/08A (08-03)
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U.S. Patent and Trademark Office; U.S. CEPARTMENT OF COMMERCE
or the Panerwork Reduction Act of 1995, no persons are remixed to respond to a collection of information unless incentiaries.

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(Use as many sheets as necessary)	Art Unit	To be assigned
	Examiner Name	To be assigned
Sheet 1 of 2	Attorncy Docket Number	2159.0430002/EJH/SAC

			U.S. PATENT DOCUME	
Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ^{2 (((Kowa))}		
	USI	3,817,837	06/18/1974	Rubenstein et al.
	US2	3,850,752	11/26/1974	Schuurs et al.
	US3	3,939,350	02/17/1976	Kronick et al.
	US4	3,996,345	12/07/1976	Ullman et al.
	US5	4,275,149	06/23/1981	Litman et al.
	US6	4,277,437	07/07/1981	Maggio
	US7	4,366,241	12/28/1982	Tom et al.
	US8	4,399,216	08/16/1983	Axel et al.
	US9	4,510,245	04/09/1985	Cousens et al.
	US10	4,634,665	01/06/1987	Axel et al.
	US11	4,816,567	03/28/1989	Cabilly et al.
	US12	4,968,615	11/06/1990	Koszinowski et al.
	US13	5,168,062	12/01/1992	Stinski
	U\$14	5,179,017	01/12/1993	Axel et al.
	US15	5,223,409	06/29/1993	Ladner et al.
	US16	5,877,293	03/02/1999	Adair et al.
	US17	5,886,152	03/23/1999	Nakatani et al.
	US18	6,054,297	04/25/2000	Carter et al.
	US19	US2002/0012965 A1	01/31/2002	Strittmatter
	US20	US2002/0077295 A1	06/20/2002	Strittmatter

			FOREIGN PATENT DOCU	MENTS
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	FPI	EP 0 216 846 B1	01/10/1990	CellTech Limited
	FP2	EP 0 256 055 B1	08/28/1991	CellTech Limited
	FP3	EP 0 323 997 B1	04/21/1993	CellTech Limited
	FP4	WO 91/17271 A1	11/14/1991	Affymax Technologies N.V.
	FP5	WO 92/01047 A1	01/23/1992	Cambridge Antibody Technology Limited
	FP6	WO 92/09690 A2	06/11/1992	Genentech, Inc.
	FP7	WO 92/15679 A1	09/17/1992	Protein Engineering Corporation
	FP8	WO 92/18619 A1	10/29/1992	The Scripps Research Institute
	FP9	WO 92/20791 A1	11/26/1992	Cambridge Antibody Technology Limited
	FP10	WO 93/01288 A1	01/21/1993	Deutsches Krebsforschungszentrum Stiftung Des Öffentlichen Rechts
	FP11	WO 01/51520 A2	07/19/2001	Yale University
	FP12	WO 02/29059 A2	04/11/2002	Yale University; Biogen, Inc.

Examiner Signature /Sandra Wegert/	Date Considered	11/04/2010
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INFO	DRMAT	TION DISCLOSURE	;	I.A. Filing Date		January 30, 2004
STA	TEMEN	T BY APPLICANT		First Named Inventor		Lee, Daniel H.S.
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				Examiner Name		To be assigned
Sheet	2	of 2		Attorney Docket Numb		2159.0430002/EJH/SAC
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Initials*	No.1	Number-Kind Code ^{2 (IFKnown)}	М	M-DD-YYYY	Арр	licant of Cited Document
	US21	US2003/0124704 A1		/03/2003		ttmatter et al.
	US22	US2005/0048520 A1	03	/03/2005	Stri	ttmatter et al.
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	FP13	WO 03/031462 A2	04/	17/2003	Yal	e University
	FP14	WO 04/014311 A2		19/2004	Yal	e University; Biogen, Inc.
	FP15	WO 04/093893 A2		04/2004	Stri	ttmatter et al.
	FP16	WO 05/016955 A2	02/	24/2005	Lee	et al.
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Substitute for for	m 1449/PTC)		Co.	Complete if Known		
				Application Number	10/567,381 (National Phase of PCT/US2004/002702)		
INFORMATION DISCLOSURE				I.A. Filing Date	January 30, 2004		
STATEMENT BY APPLICANT				First Named Inventor	Lee, Daniel H.S.		
(Use as many sheets as necessary)		Art Unit	To be assigned				
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Sheet	1	of	3	Attorney Docket Number	2159.0430002/EJH/SAC		

		Non Patent Literatu	RE DOCUMENT	s			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LE the item (book, magazine, journal, serial, syn	TTERS), title of the	article (when appropriate), title of c.), date, page(s), volume number,	T ²		
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INFORMATION DISCLOSURE				Application Number	10/567,381 (National Phase of PCT/US2004/002702)	
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				Examiner Name	To be assigned		
Sheet	3	of	3	Attorney Docket Number	2159.0430002/EJH/SAC		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Citc No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL21	Rutishauser, U. and Jessell, T.M., "Cell Adhesion Molecules in Vertebrate Neural Development," <i>Physiol. Rev.</i> 68:819-857, the American Physiological Society (1988)	
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